



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/026,371

12/24/2001

Kun-Yung K. Chang

R1-PI02

8036

38456

7590

11/21/2006

DENIRO/RAMBUS

575 MARKET STREET

SUITE 2500

SAN FRANCISCO, CA 94105

EXAMINER

WONG, LINDA

ART UNIT

PAPER NUMBER

2611

DATE MAILED: 11/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

SV

**Supplemental
Notice of Allowability**

Application No.

10/026,371

Examiner

Linda Wong

Applicant(s)

CHANG ET AL

Art Unit

2611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/22/2006.
2. ☒ The allowed claim(s) is/are 1-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

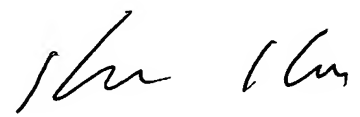
4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|--|---|

**KEVIN KIM
PRIMARY PATENT EXAMINER**



DETAILED ACTION

Response to Amendment

1. The affidavits filed on 7/31/2006 under 37 CFR 1.131 is sufficient to overcome the Yoshizaki (US Patent No.: 6868134) reference.

Response to Arguments

2. Applicant's arguments, see Applicant's Remarks, filed 7/31/2006, with respect to claims 1,7-10,14-16,18,20,22-24,31-32,36 have been fully considered and are persuasive. The rejections of the above claims have been withdrawn.

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted on 11/13/2002 has been considered by the examiner and attached with this office action.

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

4. **Claims 1-26** are allowed over prior art as stated in the office action mailed 11/3/2006.
5. **Claims 27-41** are cancelled as stated in the restriction election for the reasons as stated in the office action mailed 11/3/2006.
6. The following is an examiner's statement of reasons for allowance: The prior art references as shown in the IDS' filed 11/13/2006 and 7/29/2004 have been considered. The prior art references considered through search as well as the IDS' filed failed to teach "a selection circuit" as recited in the limitations and "a phase

Art Unit: 2611

control circuit coupled to receive the first and second selected samples of the input signal and to compare the first selected sample with the second selected sample to determine a relative position of the first clock signal, wherein the relative position of the first clock signal is selected from one of the first clock signal leads a transition of the first input signal and the first clock signal lags the transition of the input signal" for a integrated device as recited in the limitations as a whole and in combination.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linda Wong whose telephone number is 571-272-6044. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Kim can be reached on (571) 272-3039. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Linda Wong

KEVIN KIM
PRIMARY PATENT EXAMINER

